



BARGE "CTCo 335"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
1 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
2 PORT	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8
2 STBD	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8
3 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
3 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 4'-00"
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 2 PORT IS 00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED ULLAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 236'-09"

August 28, 2014

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CTCo 335"

1 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0	5,069.40	0	4,733.40	0	4,392.59	0	4,031.52	0	3,665.55	0	3,299.23	0	2,932.68	0	2,565.95	0	2,199.22
1/4		1/4	5,062.98	1/4	4,726.56	1/4	4,385.27	1/4	4,023.90	1/4	3,657.93	1/4	3,291.59	1/4	2,925.04	1/4	2,558.31	1/4	2,191.58
1/2		1/2	5,055.60	1/2	4,719.65	1/2	4,377.91	1/2	4,016.27	1/2	3,650.30	1/2	3,283.96	1/2	2,917.40	1/2	2,550.67	1/2	2,183.94
3/4		3/4	5,048.22	3/4	4,712.75	3/4	4,370.55	3/4	4,008.65	3/4	3,642.68	3/4	3,276.32	3/4	2,909.76	3/4	2,543.03	3/4	2,176.30
1		1	5,040.84	1	4,705.84	1	4,363.20	1	4,001.02	1	3,635.05	1	3,268.68	1	2,902.12	1	2,535.39	1	2,168.66
1/4		1/4	5,033.47	1/4	4,698.93	1/4	4,355.84	1/4	3,993.40	1/4	3,627.43	1/4	3,261.05	1/4	2,894.48	1/4	2,527.75	1/4	2,161.02
1/2		1/2	5,025.90	1/2	4,691.98	1/2	4,348.44	1/2	3,985.77	1/2	3,619.80	1/2	3,253.41	1/2	2,886.84	1/2	2,520.11	1/2	2,153.38
3/4		3/4	5,018.33	3/4	4,685.03	3/4	4,341.05	3/4	3,978.15	3/4	3,612.18	3/4	3,245.77	3/4	2,879.20	3/4	2,512.47	3/4	2,145.74
2		2	5,010.76	2	4,678.08	2	4,333.66	2	3,970.53	2	3,604.55	2	3,238.14	2	2,871.56	2	2,504.83	2	2,138.10
1/4		1/4	5,003.20	1/4	4,671.13	1/4	4,326.26	1/4	3,962.90	1/4	3,596.93	1/4	3,230.50	1/4	2,863.92	1/4	2,497.19	1/4	2,130.46
1/2		1/2	4,995.63	1/2	4,664.14	1/2	4,318.84	1/2	3,955.28	1/2	3,589.31	1/2	3,222.87	1/2	2,856.28	1/2	2,489.55	1/2	2,122.82
3/4		3/4	4,988.06	3/4	4,657.15	3/4	4,311.41	3/4	3,947.65	3/4	3,581.68	3/4	3,215.23	3/4	2,848.64	3/4	2,481.91	3/4	2,115.18
3		3	4,980.50	3	4,650.16	3	4,303.98	3	3,940.03	3	3,574.06	3	3,207.59	3	2,841.00	3	2,474.27	3	2,107.54
1/4		1/4	4,972.93	1/4	4,643.17	1/4	4,296.56	1/4	3,932.40	1/4	3,566.43	1/4	3,199.96	1/4	2,833.36	1/4	2,466.63	1/4	2,099.90
1/2		1/2	4,965.36	1/2	4,636.15	1/2	4,289.10	1/2	3,924.78	1/2	3,558.81	1/2	3,192.32	1/2	2,825.72	1/2	2,458.99	1/2	2,092.26
3/4		3/4	4,957.80	3/4	4,629.12	3/4	4,281.64	3/4	3,917.15	3/4	3,551.18	3/4	3,184.69	3/4	2,818.08	3/4	2,451.35	3/4	2,084.62
4		4	4,950.23	4	4,622.10	4	4,274.18	4	3,909.53	4	3,543.56	4	3,177.05	4	2,810.43	4	2,443.71	4	2,076.98
1/4		1/4	4,942.66	1/4	4,615.07	1/4	4,266.72	1/4	3,901.91	1/4	3,535.93	1/4	3,169.41	1/4	2,802.79	1/4	2,436.07	1/4	2,069.34
1/2		1/2	4,935.81	1/2	4,608.01	1/2	4,259.22	1/2	3,894.28	1/2	3,528.30	1/2	3,161.78	1/2	2,795.15	1/2	2,428.42	1/2	2,061.70
3/4		3/4	4,928.96	3/4	4,600.95	3/4	4,251.72	3/4	3,886.66	3/4	3,520.67	3/4	3,154.14	3/4	2,787.51	3/4	2,420.78	3/4	2,054.06
5		5	4,922.11	5	4,593.89	5	4,244.22	5	3,879.03	5	3,513.04	5	3,146.51	5	2,779.87	5	2,413.14	5	2,046.42
1/4		1/4	4,915.26	1/4	4,586.83	1/4	4,236.72	1/4	3,871.41	1/4	3,505.40	1/4	3,138.87	1/4	2,772.23	1/4	2,405.50	1/4	2,038.77
1/2		1/2	4,908.63	1/2	4,579.74	1/2	4,229.18	1/2	3,863.78	1/2	3,497.77	1/2	3,131.23	1/2	2,764.59	1/2	2,397.86	1/2	2,031.68
3/4		3/4	4,901.99	3/4	4,572.65	3/4	4,221.64	3/4	3,856.16	3/4	3,490.13	3/4	3,123.60	3/4	2,756.95	3/4	2,390.22	3/4	2,024.58
6		6	4,895.36	6	4,565.56	6	4,214.11	6	3,848.54	6	3,482.49	6	3,115.96	6	2,749.31	6	2,382.58	6	2,017.48
1/4		1/4	4,888.72	1/4	4,558.46	1/4	4,206.57	1/4	3,840.91	1/4	3,474.86	1/4	3,108.33	1/4	2,741.67	1/4	2,374.94	1/4	2,010.38
1/2		1/2	4,882.05	1/2	4,551.34	1/2	4,199.00	1/2	3,833.29	1/2	3,467.22	1/2	3,100.69	1/2	2,734.03	1/2	2,367.30	1/2	2,003.46
3/4		3/4	4,875.39	3/4	4,544.21	3/4	4,191.43	3/4	3,825.66	3/4	3,459.59	3/4	3,093.05	3/4	2,726.39	3/4	2,359.66	3/4	1,996.54
7		7	4,868.72	7	4,537.08	7	4,183.86	7	3,818.04	7	3,451.95	7	3,085.42	7	2,718.75	7	2,352.02	7	1,989.62
1/4		1/4	4,862.05	1/4	4,529.96	1/4	4,176.29	1/4	3,810.41	1/4	3,444.31	1/4	3,077.78	1/4	2,711.11	1/4	2,344.38	1/4	1,982.71
1/2		1/2	4,855.35	1/2	4,522.79	1/2	4,168.69	1/2	3,802.79	1/2	3,436.68	1/2	3,070.14	1/2	2,703.47	1/2	2,336.74	1/2	1,975.27
3/4		3/4	4,848.64	3/4	4,515.63	3/4	4,161.09	3/4	3,795.16	3/4	3,429.04	3/4	3,062.51	3/4	2,695.83	3/4	2,329.10	3/4	1,967.84
8		8	4,841.94	8	4,508.47	8	4,153.48	8	3,787.54	8	3,421.41	8	3,054.87	8	2,688.19	8	2,321.46	8	1,960.40
1/4		1/4	4,835.23	1/4	4,501.31	1/4	4,145.88	1/4	3,779.92	1/4	3,413.77	1/4	3,047.24	1/4	2,680.55	1/4	2,313.82	1/4	1,952.97
1/2		1/2	4,828.49	1/2	4,494.12	1/2	4,138.26	1/2	3,772.29	1/2	3,406.13	1/2	3,039.60	1/2	2,672.91	1/2	2,306.18	1/2	1,945.36
3/4		3/4	4,821.75	3/4	4,486.93	3/4	4,130.63	3/4	3,764.67	3/4	3,398.50	3/4	3,031.96	3/4	2,665.27	3/4	2,298.54	3/4	1,937.76
9		9	4,815.01	9	4,479.73	9	4,123.01	9	3,757.04	9	3,390.86	9	3,024.33	9	2,657.63	9	2,290.90	9	1,930.15
1/4		1/4	4,808.26	1/4	4,472.54	1/4	4,115.39	1/4	3,749.42	1/4	3,383.22	1/4	3,016.69	1/4	2,649.99	1/4	2,283.26	1/4	1,922.55
1/2		1/2	4,801.49	1/2	4,465.31	1/2	4,107.76	1/2	3,741.79	1/2	3,375.59	1/2	3,009.06	1/2	2,642.35	1/2	2,275.62	1/2	1,914.94
3/4		3/4	4,794.71	3/4	4,458.08	3/4	4,100.14	3/4	3,734.17	3/4	3,367.95	3/4	3,001.42	3/4	2,634.71	3/4	2,267.98	3/4	1,907.33
10		10	4,787.94	10	4,450.85	10	4,092.52	10	3,726.54	10	3,360.32	10	2,993.78	10	2,627.07	10	2,260.34	10	1,899.73
1/4		1/4	4,781.16	1/4	4,443.63	1/4	4,084.89	1/4	3,718.92	1/4	3,352.68	1/4	2,986.15	1/4	2,619.43	1/4	2,252.70	1/4	1,892.12
1/2		1/2	4,774.35	1/2	4,436.36	1/2	4,077.27	1/2	3,711.30	1/2	3,345.04	1/2	2,978.51	1/2	2,611.79	1/2	2,245.06	1/2	1,884.49
3/4		3/4	4,767.55	3/4	4,429.09	3/4	4,069.64	3/4	3,703.67	3/4	3,337.41	3/4	2,970.87	3/4	2,604.15	3/4	2,237.42	3/4	1,876.86
11		11	4,760.74	11	4,421.82	11	4,062.02	11	3,696.05	11	3,329.77	11	2,963.24	11	2,596.51	11	2,229.78	11	1,869.22
1/4	5,088.68	1/4	4,753.93	1/4	4,414.55	1/4	4,054.39	1/4	3,688.42	1/4	3,322.14	1/4	2,955.60	1/4	2,588.87	1/4	2,222.14	1/4	1,861.59
1/2	5,082.25	1/2	4,747.08	1/2	4,407.23	1/2	4,046.77	1/2	3,680.80	1/2	3,314.50	1/2	2,947.96	1/2	2,581.23	1/2	2,214.50	1/2	1,853.95
3/4	5,075.83	3/4	4,740.24	3/4	4,399.91	3/4	4,039.15	3/4	3,673.17	3/4	3,306.86	3/4	2,940.32	3/4	2,573.59	3/4	2,206.86	3/4	1,846.31

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 44'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092

Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CTCo 335"

1 PORT ULLAGE TABLE HERMETIC

GAUGE HEIGHT 15'-02 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,838.67	0	1,471.87	0	1,105.25	0	740.50	0	379.55	0	61.95	0		0		0		0	
1/4	1,831.03	1/4	1,464.23	1/4	1,097.64	1/4	732.86	1/4	372.38	1/4	55.87	1/4		1/4		1/4		1/4	
1/2	1,823.38	1/2	1,456.59	1/2	1,090.04	1/2	725.21	1/2	365.30	1/2	50.57	1/2		1/2		1/2		1/2	
3/4	1,815.74	3/4	1,448.95	3/4	1,082.44	3/4	717.57	3/4	358.23	3/4	45.27	3/4		3/4		3/4		3/4	
1	1,808.10	1	1,441.30	1	1,074.84	1	709.93	1	351.15	1	39.97	1		1		1		1	
1/4	1,800.46	1/4	1,433.66	1/4	1,067.23	1/4	702.29	1/4	344.07	1/4	34.67	1/4		1/4		1/4		1/4	
1/2	1,792.82	1/2	1,426.02	1/2	1,059.64	1/2	694.65	1/2	337.08	1/2	30.79	1/2		1/2		1/2		1/2	
3/4	1,785.18	3/4	1,418.38	3/4	1,052.04	3/4	687.01	3/4	330.09	3/4	26.90	3/4		3/4		3/4		3/4	
2	1,777.53	2	1,410.74	2	1,044.44	2	679.37	2	323.10	2	23.01	2		2		2		2	
1/4	1,769.89	1/4	1,403.10	1/4	1,036.84	1/4	671.72	1/4	316.11	1/4	19.13	1/4		1/4		1/4		1/4	
1/2	1,762.25	1/2	1,395.45	1/2	1,029.25	1/2	664.08	1/2	309.20	1/2		1/2		1/2		1/2		1/2	
3/4	1,754.61	3/4	1,387.81	3/4	1,021.66	3/4	656.44	3/4	302.30	3/4		3/4		3/4		3/4		3/4	
3	1,746.97	3	1,380.17	3	1,014.06	3	648.80	3	295.40	3		3		3		3		3	
1/4	1,739.33	1/4	1,372.53	1/4	1,006.47	1/4	641.16	1/4	288.49	1/4		1/4		1/4		1/4		1/4	
1/2	1,731.68	1/2	1,364.89	1/2	998.88	1/2	633.52	1/2	281.67	1/2		1/2		1/2		1/2		1/2	
3/4	1,724.04	3/4	1,357.25	3/4	991.29	3/4	625.88	3/4	274.86	3/4		3/4		3/4		3/4		3/4	
4	1,716.40	4	1,349.60	4	983.70	4	618.24	4	268.04	4		4		4		4		4	
1/4	1,708.76	1/4	1,341.96	1/4	976.11	1/4	610.59	1/4	261.22	1/4		1/4		1/4		1/4		1/4	
1/2	1,701.12	1/2	1,334.32	1/2	968.52	1/2	602.95	1/2	254.49	1/2		1/2		1/2		1/2		1/2	
3/4	1,693.48	3/4	1,326.68	3/4	960.93	3/4	595.31	3/4	247.76	3/4		3/4		3/4		3/4		3/4	
5	1,685.84	5	1,319.04	5	953.34	5	587.67	5	241.03	5		5		5		5		5	
1/4	1,678.19	1/4	1,311.40	1/4	945.75	1/4	580.03	1/4	234.30	1/4		1/4		1/4		1/4		1/4	
1/2	1,670.55	1/2	1,303.76	1/2	938.16	1/2	572.39	1/2	227.66	1/2		1/2		1/2		1/2		1/2	
3/4	1,662.91	3/4	1,296.11	3/4	930.57	3/4	564.76	3/4	221.01	3/4		3/4		3/4		3/4		3/4	
6	1,655.27	6	1,288.47	6	922.98	6	557.13	6	214.37	6		6		6		6		6	
1/4	1,647.63	1/4	1,280.83	1/4	915.39	1/4	549.50	1/4	207.72	1/4		1/4		1/4		1/4		1/4	
1/2	1,639.99	1/2	1,273.19	1/2	907.79	1/2	541.91	1/2	201.17	1/2		1/2		1/2		1/2		1/2	
3/4	1,632.34	3/4	1,265.55	3/4	900.20	3/4	534.32	3/4	194.61	3/4		3/4		3/4		3/4		3/4	
7	1,624.70	7	1,257.91	7	892.61	7	526.73	7	188.05	7		7		7		7		7	
1/4	1,617.06	1/4	1,250.26	1/4	885.02	1/4	519.14	1/4	181.50	1/4		1/4		1/4		1/4		1/4	
1/2	1,609.42	1/2	1,242.62	1/2	877.43	1/2	511.62	1/2	175.03	1/2		1/2		1/2		1/2		1/2	
3/4	1,601.78	3/4	1,234.98	3/4	869.84	3/4	504.11	3/4	168.56	3/4		3/4		3/4		3/4		3/4	
8	1,594.14	8	1,227.34	8	862.25	8	496.60	8	162.09	8		8		8		8		8	
1/4	1,586.49	1/4	1,219.70	1/4	854.66	1/4	489.09	1/4	155.62	1/4		1/4		1/4		1/4		1/4	
1/2	1,578.85	1/2	1,212.06	1/2	847.07	1/2	481.67	1/2	149.24	1/2		1/2		1/2		1/2		1/2	
3/4	1,571.21	3/4	1,204.41	3/4	839.48	3/4	474.24	3/4	142.86	3/4		3/4		3/4		3/4		3/4	
9	1,563.57	9	1,196.77	9	831.89	9	466.82	9	136.48	9		9		9		9		9	
1/4	1,555.93	1/4	1,189.13	1/4	824.30	1/4	459.39	1/4	130.10	1/4		1/4		1/4		1/4		1/4	
1/2	1,548.29	1/2	1,181.49	1/2	816.71	1/2	452.06	1/2	123.81	1/2		1/2		1/2		1/2		1/2	
3/4	1,540.64	3/4	1,173.85	3/4	809.12	3/4	444.72	3/4	117.53	3/4		3/4		3/4		3/4		3/4	
10	1,533.00	10	1,166.21	10	801.53	10	437.38	10	111.24	10		10		10		10		10	
1/4	1,525.36	1/4	1,158.56	1/4	793.94	1/4	430.04	1/4	104.96	1/4		1/4		1/4		1/4		1/4	
1/2	1,517.72	1/2	1,150.95	1/2	786.31	1/2	422.79	1/2	98.77	1/2		1/2		1/2		1/2		1/2	
3/4	1,510.08	3/4	1,143.33	3/4	778.68	3/4	415.54	3/4	92.58	3/4		3/4		3/4		3/4		3/4	
11	1,502.44	11	1,135.71	11	771.05	11	408.29	11	86.39	11		11		11		11		11	
1/4	1,494.80	1/4	1,128.09	1/4	763.42	1/4	401.04	1/4	80.20	1/4		1/4		1/4		1/4		1/4	
1/2	1,487.15	1/2	1,120.48	1/2	755.78	1/2	393.87	1/2	74.11	1/2		1/2		1/2		1/2		1/2	
3/4	1,479.51	3/4	1,112.86	3/4	748.14	3/4	386.71	3/4	68.03	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/28/2014 CL
CALCULATED: 08/29/2014 CL
PRINTED: 09/02/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CTCo 335"

1 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0	5,083.80	0	4,749.14	0	4,409.85	0	4,049.79	0	3,683.91	0	3,318.03	0	2,952.13	0	2,586.06	0	2,219.99
1/4	1/4	1/4	5,077.38	1/4	4,742.30	1/4	4,402.53	1/4	4,042.17	1/4	3,676.29	1/4	3,310.41	1/4	2,944.51	1/4	2,578.44	1/4	2,212.36
1/2	1/2	1/2	5,070.96	1/2	4,735.46	1/2	4,395.22	1/2	4,034.54	1/2	3,668.66	1/2	3,302.78	1/2	2,936.88	1/2	2,570.81	1/2	2,204.74
3/4	3/4	3/4	5,064.54	3/4	4,728.62	3/4	4,387.90	3/4	4,026.92	3/4	3,661.04	3/4	3,295.16	3/4	2,929.25	3/4	2,563.18	3/4	2,197.11
1		1	5,058.12	1	4,721.78	1	4,380.58	1	4,019.30	1	3,653.42	1	3,287.54	1	2,921.63	1	2,555.56	1	2,189.48
1/4	1/4	1/4	5,050.74	1/4	4,714.88	1/4	4,373.22	1/4	4,011.68	1/4	3,645.80	1/4	3,279.92	1/4	2,914.00	1/4	2,547.93	1/4	2,181.86
1/2	1/2	1/2	5,043.36	1/2	4,707.97	1/2	4,365.87	1/2	4,004.05	1/2	3,638.17	1/2	3,272.29	1/2	2,906.38	1/2	2,540.30	1/2	2,174.23
3/4	3/4	3/4	5,035.99	3/4	4,701.07	3/4	4,358.51	3/4	3,996.43	3/4	3,630.55	3/4	3,264.67	3/4	2,898.75	3/4	2,532.68	3/4	2,166.60
2		2	5,028.61	2	4,694.16	2	4,351.15	2	3,988.81	2	3,622.93	2	3,257.05	2	2,891.12	2	2,525.05	2	2,158.98
1/4	1/4	1/4	5,021.05	1/4	4,687.21	1/4	4,343.76	1/4	3,981.19	1/4	3,615.31	1/4	3,249.43	1/4	2,883.50	1/4	2,517.42	1/4	2,151.35
1/2	1/2	1/2	5,013.48	1/2	4,680.27	1/2	4,336.37	1/2	3,973.56	1/2	3,607.68	1/2	3,241.80	1/2	2,875.87	1/2	2,509.80	1/2	2,143.73
3/4	3/4	3/4	5,005.92	3/4	4,673.32	3/4	4,328.98	3/4	3,965.94	3/4	3,600.06	3/4	3,234.18	3/4	2,868.24	3/4	2,502.17	3/4	2,136.10
3		3	4,998.35	3	4,666.37	3	4,321.59	3	3,958.32	3	3,592.44	3	3,226.56	3	2,860.62	3	2,494.54	3	2,128.47
1/4	1/4	1/4	4,990.79	1/4	4,659.38	1/4	4,314.16	1/4	3,950.70	1/4	3,584.82	1/4	3,218.94	1/4	2,852.99	1/4	2,486.92	1/4	2,120.85
1/2	1/2	1/2	4,983.22	1/2	4,652.39	1/2	4,306.74	1/2	3,943.07	1/2	3,577.19	1/2	3,211.31	1/2	2,845.36	1/2	2,479.29	1/2	2,113.22
3/4	3/4	3/4	4,975.66	3/4	4,645.41	3/4	4,299.31	3/4	3,935.45	3/4	3,569.57	3/4	3,203.69	3/4	2,837.74	3/4	2,471.66	3/4	2,105.59
4		4	4,968.09	4	4,638.42	4	4,291.89	4	3,927.83	4	3,561.95	4	3,196.07	4	2,830.11	4	2,464.04	4	2,097.97
1/4	1/4	1/4	4,960.53	1/4	4,631.39	1/4	4,284.43	1/4	3,920.21	1/4	3,554.33	1/4	3,188.45	1/4	2,822.48	1/4	2,456.41	1/4	2,090.34
1/2	1/2	1/2	4,952.96	1/2	4,624.37	1/2	4,276.97	1/2	3,912.58	1/2	3,546.70	1/2	3,180.82	1/2	2,814.86	1/2	2,448.79	1/2	2,082.71
3/4	3/4	3/4	4,945.40	3/4	4,617.35	3/4	4,269.51	3/4	3,904.96	3/4	3,539.08	3/4	3,173.20	3/4	2,807.23	3/4	2,441.16	3/4	2,075.09
5		5	4,937.83	5	4,610.32	5	4,262.06	5	3,897.34	5	3,531.46	5	3,165.58	5	2,799.60	5	2,433.53	5	2,067.46
1/4	1/4	1/4	4,930.98	1/4	4,603.26	1/4	4,254.56	1/4	3,889.72	1/4	3,523.84	1/4	3,157.96	1/4	2,791.98	1/4	2,425.91	1/4	2,059.83
1/2	1/2	1/2	4,924.14	1/2	4,596.21	1/2	4,247.06	1/2	3,882.09	1/2	3,516.21	1/2	3,150.33	1/2	2,784.35	1/2	2,418.28	1/2	2,052.21
3/4	3/4	3/4	4,917.29	3/4	4,589.15	3/4	4,239.56	3/4	3,874.47	3/4	3,508.59	3/4	3,142.71	3/4	2,776.72	3/4	2,410.65	3/4	2,044.58
6		6	4,910.44	6	4,582.09	6	4,232.06	6	3,866.85	6	3,500.97	6	3,135.09	6	2,769.10	6	2,403.03	6	2,036.95
1/4	1/4	1/4	4,903.81	1/4	4,575.00	1/4	4,224.53	1/4	3,859.23	1/4	3,493.35	1/4	3,127.47	1/4	2,761.47	1/4	2,395.40	1/4	2,029.87
1/2	1/2	1/2	4,897.17	1/2	4,567.91	1/2	4,216.99	1/2	3,851.60	1/2	3,485.72	1/2	3,119.84	1/2	2,753.85	1/2	2,387.77	1/2	2,022.78
3/4	3/4	3/4	4,890.54	3/4	4,560.82	3/4	4,209.46	3/4	3,843.98	3/4	3,478.10	3/4	3,112.22	3/4	2,746.22	3/4	2,380.15	3/4	2,015.70
7		7	4,883.90	7	4,553.73	7	4,201.92	7	3,836.36	7	3,470.48	7	3,104.60	7	2,738.59	7	2,372.52	7	2,008.61
1/4	1/4	1/4	4,877.24	1/4	4,546.60	1/4	4,194.36	1/4	3,828.74	1/4	3,462.86	1/4	3,096.98	1/4	2,730.97	1/4	2,364.89	1/4	2,001.71
1/2	1/2	1/2	4,870.57	1/2	4,539.48	1/2	4,186.79	1/2	3,821.11	1/2	3,455.23	1/2	3,089.35	1/2	2,723.34	1/2	2,357.27	1/2	1,994.80
3/4	3/4	3/4	4,863.91	3/4	4,532.35	3/4	4,179.22	3/4	3,813.49	3/4	3,447.61	3/4	3,081.73	3/4	2,715.71	3/4	2,349.64	3/4	1,987.90
8		8	4,857.24	8	4,525.23	8	4,171.65	8	3,805.87	8	3,439.99	8	3,074.11	8	2,708.09	8	2,342.01	8	1,980.99
1/4	1/4	1/4	4,850.54	1/4	4,518.07	1/4	4,164.05	1/4	3,798.25	1/4	3,432.37	1/4	3,066.49	1/4	2,700.46	1/4	2,334.39	1/4	1,973.57
1/2	1/2	1/2	4,843.83	1/2	4,510.91	1/2	4,156.45	1/2	3,790.62	1/2	3,424.74	1/2	3,058.86	1/2	2,692.83	1/2	2,326.76	1/2	1,966.15
3/4	3/4	3/4	4,837.13	3/4	4,503.75	3/4	4,148.85	3/4	3,783.00	3/4	3,417.12	3/4	3,051.24	3/4	2,685.21	3/4	2,319.13	3/4	1,958.73
9		9	4,830.43	9	4,496.59	9	4,141.25	9	3,775.38	9	3,409.50	9	3,043.62	9	2,677.58	9	2,311.51	9	1,951.31
1/4	1/4	1/4	4,823.69	1/4	4,489.40	1/4	4,133.63	1/4	3,767.76	1/4	3,401.88	1/4	3,036.00	1/4	2,669.95	1/4	2,303.88	1/4	1,943.72
1/2	1/2	1/2	4,816.95	1/2	4,482.21	1/2	4,126.01	1/2	3,760.13	1/2	3,394.25	1/2	3,028.37	1/2	2,662.33	1/2	2,296.26	1/2	1,936.12
3/4	3/4	3/4	4,810.21	3/4	4,475.02	3/4	4,118.39	3/4	3,752.51	3/4	3,386.63	3/4	3,020.75	3/4	2,654.70	3/4	2,288.63	3/4	1,928.53
10		10	4,803.47	10	4,467.82	10	4,110.77	10	3,744.89	10	3,379.01	10	3,013.13	10	2,647.07	10	2,281.00	10	1,920.94
1/4	1/4	1/4	4,796.69	1/4	4,460.60	1/4	4,103.15	1/4	3,737.27	1/4	3,371.39	1/4	3,005.51	1/4	2,639.45	1/4	2,273.38	1/4	1,913.35
1/2	1/2	1/2	4,789.92	1/2	4,453.37	1/2	4,095.52	1/2	3,729.64	1/2	3,363.76	1/2	2,997.88	1/2	2,631.82	1/2	2,265.75	1/2	1,905.75
3/4	3/4	3/4	4,783.15	3/4	4,446.14	3/4	4,087.90	3/4	3,722.02	3/4	3,356.14	3/4	2,990.26	3/4	2,624.19	3/4	2,258.12	3/4	1,898.16
11		11	4,776.37	11	4,438.92	11	4,080.28	11	3,714.40	11	3,348.52	11	2,982.64	11	2,616.57	11	2,250.50	11	1,890.57
1/4	1/4	1/4	4,769.57	1/4	4,431.65	1/4	4,072.66	1/4	3,707.78	1/4	3,340.90	1/4	2,975.01	1/4	2,608.94	1/4	2,242.87	1/4	1,882.95
1/2	1/2	1/2	4,762.76	1/2	4,424.39	1/2	4,065.03	1/2	3,699.15	1/2	3,333.27	1/2	2,967.39	1/2	2,601.32	1/2	2,235.24	1/2	1,875.33
3/4	3/4	3/4	4,755.95	3/4	4,417.12	3/4	4,057.41	3/4	3,691.53	3/4	3,325.65	3/4	2,959.76	3/4	2,593.69	3/4	2,227.62	3/4	1,867.71

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 44'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092

Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CTCo 335"

1 STBD
ULLAGE TABLE
HERMETIC
GAUGE HEIGHT 15'-03"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,860.10	0	1,493.95	0	1,127.81	0	762.16	0	400.49	0	80.17	0		0		0		0	
1/4	1,852.47	1/4	1,486.32	1/4	1,120.18	1/4	754.53	1/4	393.34	1/4	74.09	1/4		1/4		1/4		1/4	
1/2	1,844.84	1/2	1,478.70	1/2	1,112.55	1/2	746.91	1/2	386.19	1/2	68.01	1/2		1/2		1/2		1/2	
3/4	1,837.21	3/4	1,471.07	3/4	1,104.92	3/4	739.28	3/4	379.04	3/4	61.93	3/4		3/4		3/4		3/4	
1	1,829.58	1	1,463.44	1	1,097.30	1	731.65	1	371.89	1	55.85	1		1		1		1	
1/4	1,821.96	1/4	1,455.81	1/4	1,089.67	1/4	724.02	1/4	364.82	1/4	50.56	1/4		1/4		1/4		1/4	
1/2	1,814.33	1/2	1,448.18	1/2	1,082.05	1/2	716.40	1/2	357.76	1/2	45.26	1/2		1/2		1/2		1/2	
3/4	1,806.70	3/4	1,440.56	3/4	1,074.43	3/4	708.77	3/4	350.69	3/4	39.96	3/4		3/4		3/4		3/4	
2	1,799.07	2	1,432.93	2	1,066.80	2	701.14	2	343.63	2	34.66	2		2		2		2	
1/4	1,791.44	1/4	1,425.30	1/4	1,059.18	1/4	693.51	1/4	336.65	1/4	30.78	1/4		1/4		1/4		1/4	
1/2	1,783.82	1/2	1,417.67	1/2	1,051.56	1/2	685.88	1/2	329.67	1/2	26.89	1/2		1/2		1/2		1/2	
3/4	1,776.19	3/4	1,410.04	3/4	1,043.94	3/4	678.26	3/4	322.70	3/4	23.00	3/4		3/4		3/4		3/4	
3	1,768.56	3	1,402.42	3	1,036.32	3	670.63	3	315.72	3	19.12	3		3		3		3	
1/4	1,760.93	1/4	1,394.79	1/4	1,028.70	1/4	663.00	1/4	308.83	1/4		1/4		1/4		1/4		1/4	
1/2	1,753.30	1/2	1,387.16	1/2	1,021.09	1/2	655.37	1/2	301.94	1/2		1/2		1/2		1/2		1/2	
3/4	1,745.68	3/4	1,379.53	3/4	1,013.47	3/4	647.75	3/4	295.05	3/4		3/4		3/4		3/4		3/4	
4	1,738.05	4	1,371.90	4	1,005.85	4	640.12	4	288.16	4		4		4		4		4	
1/4	1,730.42	1/4	1,364.28	1/4	998.24	1/4	632.49	1/4	281.35	1/4		1/4		1/4		1/4		1/4	
1/2	1,722.79	1/2	1,356.65	1/2	990.63	1/2	624.86	1/2	274.55	1/2		1/2		1/2		1/2		1/2	
3/4	1,715.16	3/4	1,349.02	3/4	983.01	3/4	617.24	3/4	267.74	3/4		3/4		3/4		3/4		3/4	
5	1,707.54	5	1,341.39	5	975.40	5	609.61	5	260.94	5		5		5		5		5	
1/4	1,699.91	1/4	1,333.76	1/4	967.78	1/4	601.98	1/4	254.22	1/4		1/4		1/4		1/4		1/4	
1/2	1,692.28	1/2	1,326.14	1/2	960.17	1/2	594.35	1/2	247.50	1/2		1/2		1/2		1/2		1/2	
3/4	1,684.65	3/4	1,318.51	3/4	952.56	3/4	586.72	3/4	240.79	3/4		3/4		3/4		3/4		3/4	
6	1,677.02	6	1,310.88	6	944.94	6	579.10	6	234.07	6		6		6		6		6	
1/4	1,669.40	1/4	1,303.25	1/4	937.33	1/4	571.48	1/4	227.44	1/4		1/4		1/4		1/4		1/4	
1/2	1,661.77	1/2	1,295.62	1/2	929.71	1/2	563.87	1/2	220.81	1/2		1/2		1/2		1/2		1/2	
3/4	1,654.14	3/4	1,288.00	3/4	922.10	3/4	556.25	3/4	214.18	3/4		3/4		3/4		3/4		3/4	
7	1,646.51	7	1,280.37	7	914.49	7	548.64	7	207.55	7		7		7		7		7	
1/4	1,638.88	1/4	1,272.74	1/4	906.87	1/4	541.07	1/4	201.00	1/4		1/4		1/4		1/4		1/4	
1/2	1,631.26	1/2	1,265.11	1/2	899.26	1/2	533.50	1/2	194.46	1/2		1/2		1/2		1/2		1/2	
3/4	1,623.63	3/4	1,257.48	3/4	891.64	3/4	525.93	3/4	187.91	3/4		3/4		3/4		3/4		3/4	
8	1,616.00	8	1,249.86	8	884.03	8	518.37	8	181.37	8		8		8		8		8	
1/4	1,608.37	1/4	1,242.23	1/4	876.42	1/4	510.87	1/4	174.91	1/4		1/4		1/4		1/4		1/4	
1/2	1,600.74	1/2	1,234.60	1/2	868.80	1/2	503.37	1/2	168.46	1/2		1/2		1/2		1/2		1/2	
3/4	1,593.12	3/4	1,226.97	3/4	861.19	3/4	495.88	3/4	162.00	3/4		3/4		3/4		3/4		3/4	
9	1,585.49	9	1,219.34	9	853.57	9	488.38	9	155.54	9		9		9		9		9	
1/4	1,577.86	1/4	1,211.72	1/4	845.96	1/4	480.97	1/4	149.17	1/4		1/4		1/4		1/4		1/4	
1/2	1,570.23	1/2	1,204.09	1/2	838.34	1/2	473.56	1/2	142.80	1/2		1/2		1/2		1/2		1/2	
3/4	1,562.60	3/4	1,196.46	3/4	830.73	3/4	466.15	3/4	136.43	3/4		3/4		3/4		3/4		3/4	
10	1,554.98	10	1,188.83	10	823.12	10	458.74	10	130.06	10		10		10		10		10	
1/4	1,547.35	1/4	1,181.20	1/4	815.50	1/4	451.41	1/4	123.78	1/4		1/4		1/4		1/4		1/4	
1/2	1,539.72	1/2	1,173.58	1/2	807.89	1/2	444.09	1/2	117.49	1/2		1/2		1/2		1/2		1/2	
3/4	1,532.09	3/4	1,165.95	3/4	800.27	3/4	436.76	3/4	111.21	3/4		3/4		3/4		3/4		3/4	
11	1,524.46	11	1,158.32	11	792.66	11	429.44	11	104.93	11		11		11		11		11	
1/4	1,516.84	1/4	1,150.69	1/4	785.04	1/4	422.20	1/4	98.74	1/4		1/4		1/4		1/4		1/4	
1/2	1,509.21	1/2	1,143.06	1/2	777.41	1/2	414.96	1/2	92.55	1/2		1/2		1/2		1/2		1/2	
3/4	1,501.58	3/4	1,135.44	3/4	769.79	3/4	407.73	3/4	86.36	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/28/2014 CL
CALCULATED: 08/29/2014 CL
PRINTED: 09/02/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CTCo 335"

2 PORT ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	4,529.74	0	4,211.67	0	3,873.77	0	3,529.74	0	3,185.71	0	2,841.67	0	2,497.45	0	2,153.22
1/4		1/4		1/4	4,523.35	1/4	4,204.84	1/4	3,866.60	1/4	3,522.57	1/4	3,178.54	1/4	2,834.50	1/4	2,490.28	1/4	2,146.05
1/2		1/2	4,831.45	1/2	4,516.95	1/2	4,198.01	1/2	3,859.44	1/2	3,515.41	1/2	3,171.37	1/2	2,827.33	1/2	2,483.10	1/2	2,138.88
3/4		3/4	4,825.41	3/4	4,510.52	3/4	4,191.13	3/4	3,852.27	3/4	3,508.24	3/4	3,164.21	3/4	2,820.16	3/4	2,475.93	3/4	2,131.71
1		1	4,819.38	1	4,504.09	1	4,184.24	1	3,845.10	1	3,501.07	1	3,157.04	1	2,812.99	1	2,468.76	1	2,124.53
1/4		1/4	4,813.34	1/4	4,497.67	1/4	4,177.36	1/4	3,837.93	1/4	3,493.90	1/4	3,149.87	1/4	2,805.82	1/4	2,461.59	1/4	2,117.36
1/2		1/2	4,807.31	1/2	4,491.24	1/2	4,170.48	1/2	3,830.77	1/2	3,486.74	1/2	3,142.71	1/2	2,798.65	1/2	2,454.42	1/2	2,110.19
3/4		3/4	4,800.38	3/4	4,484.75	3/4	4,163.56	3/4	3,823.60	3/4	3,479.57	3/4	3,135.54	3/4	2,791.47	3/4	2,447.25	3/4	2,103.02
2		2	4,793.44	2	4,478.26	2	4,156.65	2	3,816.43	2	3,472.40	2	3,128.37	2	2,784.30	2	2,440.08	2	2,095.85
1/4		1/4	4,786.51	1/4	4,471.77	1/4	4,149.73	1/4	3,809.26	1/4	3,465.23	1/4	3,121.20	1/4	2,777.13	1/4	2,432.90	1/4	2,088.68
1/2		1/2	4,779.58	1/2	4,465.28	1/2	4,142.81	1/2	3,802.10	1/2	3,458.07	1/2	3,114.04	1/2	2,769.96	1/2	2,425.73	1/2	2,081.51
3/4		3/4	4,772.47	3/4	4,458.75	3/4	4,135.86	3/4	3,794.93	3/4	3,450.90	3/4	3,106.87	3/4	2,762.79	3/4	2,418.56	3/4	2,074.33
3		3	4,765.36	3	4,452.21	3	4,128.91	3	3,787.76	3	3,443.73	3	3,099.70	3	2,755.62	3	2,411.39	3	2,067.16
1/4		1/4	4,758.25	1/4	4,445.68	1/4	4,121.96	1/4	3,780.60	1/4	3,436.56	1/4	3,092.53	1/4	2,748.45	1/4	2,404.22	1/4	2,059.99
1/2		1/2	4,751.14	1/2	4,439.15	1/2	4,115.01	1/2	3,773.43	1/2	3,429.40	1/2	3,085.37	1/2	2,741.28	1/2	2,397.05	1/2	2,052.82
3/4		3/4	4,744.03	3/4	4,432.58	3/4	4,108.03	3/4	3,766.26	3/4	3,422.23	3/4	3,078.20	3/4	2,734.10	3/4	2,389.88	3/4	2,045.65
4		4	4,736.92	4	4,426.01	4	4,101.05	4	3,759.09	4	3,415.06	4	3,071.03	4	2,726.93	4	2,382.71	4	2,038.48
1/4		1/4	4,729.81	1/4	4,419.44	1/4	4,094.07	1/4	3,751.93	1/4	3,407.90	1/4	3,063.87	1/4	2,719.76	1/4	2,375.53	1/4	2,031.31
1/2		1/2	4,722.70	1/2	4,412.87	1/2	4,087.09	1/2	3,744.76	1/2	3,400.73	1/2	3,056.70	1/2	2,712.59	1/2	2,368.36	1/2	2,024.14
3/4		3/4	4,715.59	3/4	4,406.27	3/4	4,080.08	3/4	3,737.59	3/4	3,393.56	3/4	3,049.53	3/4	2,705.42	3/4	2,361.19	3/4	2,016.96
5		5	4,708.48	5	4,399.67	5	4,073.06	5	3,730.42	5	3,386.39	5	3,042.36	5	2,698.25	5	2,354.02	5	2,009.79
1/4		1/4	4,701.37	1/4	4,393.07	1/4	4,066.05	1/4	3,723.26	1/4	3,379.23	1/4	3,035.20	1/4	2,691.08	1/4	2,346.85	1/4	2,002.62
1/2		1/2	4,694.26	1/2	4,386.46	1/2	4,059.04	1/2	3,716.09	1/2	3,372.06	1/2	3,028.03	1/2	2,683.90	1/2	2,339.68	1/2	1,995.45
3/4		3/4	4,687.82	3/4	4,379.83	3/4	4,051.99	3/4	3,708.92	3/4	3,364.89	3/4	3,020.86	3/4	2,676.73	3/4	2,332.51	3/4	1,988.28
6		6	4,681.39	6	4,373.19	6	4,044.94	6	3,701.75	6	3,357.72	6	3,013.69	6	2,669.56	6	2,325.33	6	1,981.11
1/4		1/4	4,674.95	1/4	4,366.56	1/4	4,037.88	1/4	3,694.59	1/4	3,350.56	1/4	3,006.53	1/4	2,662.39	1/4	2,318.16	1/4	1,973.94
1/2		1/2	4,668.52	1/2	4,359.92	1/2	4,030.83	1/2	3,687.42	1/2	3,343.39	1/2	2,999.36	1/2	2,655.22	1/2	2,310.99	1/2	1,966.76
3/4		3/4	4,662.28	3/4	4,353.26	3/4	4,023.75	3/4	3,680.25	3/4	3,336.22	3/4	2,992.19	3/4	2,648.05	3/4	2,303.82	3/4	1,960.10
7		7	4,656.05	7	4,346.59	7	4,016.67	7	3,673.09	7	3,329.06	7	2,985.02	7	2,640.88	7	2,296.65	7	1,953.44
1/4		1/4	4,649.82	1/4	4,339.93	1/4	4,009.58	1/4	3,665.92	1/4	3,321.89	1/4	2,977.86	1/4	2,633.70	1/4	2,289.48	1/4	1,946.78
1/2		1/2	4,643.58	1/2	4,333.26	1/2	4,002.50	1/2	3,658.75	1/2	3,314.72	1/2	2,970.69	1/2	2,626.53	1/2	2,282.31	1/2	1,940.11
3/4		3/4	4,637.32	3/4	4,326.56	3/4	3,995.38	3/4	3,651.58	3/4	3,307.55	3/4	2,963.52	3/4	2,619.36	3/4	2,275.13	3/4	1,933.62
8		8	4,631.06	8	4,319.86	8	3,988.26	8	3,644.42	8	3,300.39	8	2,956.36	8	2,612.19	8	2,267.96	8	1,927.13
1/4		1/4	4,624.79	1/4	4,313.17	1/4	3,981.15	1/4	3,637.25	1/4	3,293.22	1/4	2,949.19	1/4	2,605.02	1/4	2,260.79	1/4	1,920.64
1/2		1/2	4,618.53	1/2	4,306.47	1/2	3,974.03	1/2	3,630.08	1/2	3,286.05	1/2	2,942.02	1/2	2,597.85	1/2	2,253.62	1/2	1,914.14
3/4		3/4	4,612.23	3/4	4,299.74	3/4	3,966.89	3/4	3,622.91	3/4	3,278.88	3/4	2,934.85	3/4	2,590.68	3/4	2,246.45	3/4	1,907.17
9		9	4,605.93	9	4,293.01	9	3,959.74	9	3,615.75	9	3,271.72	9	2,927.69	9	2,583.50	9	2,239.28	9	1,900.19
1/4		1/4	4,599.63	1/4	4,286.28	1/4	3,952.59	1/4	3,608.58	1/4	3,264.55	1/4	2,920.52	1/4	2,576.33	1/4	2,232.11	1/4	1,893.22
1/2		1/2	4,593.33	1/2	4,279.55	1/2	3,945.44	1/2	3,601.41	1/2	3,257.38	1/2	2,913.35	1/2	2,569.16	1/2	2,224.93	1/2	1,886.24
3/4		3/4	4,587.00	3/4	4,272.79	3/4	3,938.28	3/4	3,594.25	3/4	3,250.22	3/4	2,906.18	3/4	2,561.99	3/4	2,217.76	3/4	1,879.10
10		10	4,580.66	10	4,266.03	10	3,931.11	10	3,587.08	10	3,243.05	10	2,899.02	10	2,554.82	10	2,210.59	10	1,871.96
1/4		1/4	4,574.33	1/4	4,259.26	1/4	3,923.94	1/4	3,579.91	1/4	3,235.88	1/4	2,891.85	1/4	2,547.65	1/4	2,203.42	1/4	1,864.83
1/2		1/2	4,568.00	1/2	4,252.50	1/2	3,916.77	1/2	3,572.74	1/2	3,228.71	1/2	2,884.68	1/2	2,540.48	1/2	2,196.25	1/2	1,857.69
3/4		3/4	4,561.63	3/4	4,245.71	3/4	3,909.61	3/4	3,565.58	3/4	3,221.55	3/4	2,877.52	3/4	2,533.30	3/4	2,189.08	3/4	1,850.55
11		11	4,555.27	11	4,238.92	11	3,902.44	11	3,558.41	11	3,214.38	11	2,870.35	11	2,526.13	11	2,181.91	11	1,843.42
1/4		1/4	4,548.90	1/4	4,232.12	1/4	3,895.27	1/4	3,551.24	1/4	3,207.21	1/4	2,863.18	1/4	2,518.96	1/4	2,174.73	1/4	1,836.28
1/2		1/2	4,542.54	1/2	4,225.33	1/2	3,888.10	1/2	3,544.07	1/2	3,200.04	1/2	2,856.01	1/2	2,511.79	1/2	2,167.56	1/2	1,829.14
3/4		3/4	4,536.14	3/4	4,218.50	3/4	3,880.94	3/4	3,536.91	3/4	3,192.88	3/4	2,848.84	3/4	2,504.62	3/4	2,160.39	3/4	1,821.98

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 40'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092

Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CTCo 335"

2 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,814.82	0	1,470.54	0	1,126.66	0	796.18	0	452.05	0	107.78	0		0		0		0	
1/4	1,807.65	1/4	1,463.36	1/4	1,119.70	1/4	789.08	1/4	444.87	1/4	100.62	1/4		1/4		1/4		1/4	
1/2	1,800.49	1/2	1,456.19	1/2	1,112.74	1/2	781.99	1/2	437.70	1/2	93.45	1/2		1/2		1/2		1/2	
3/4	1,793.32	3/4	1,449.02	3/4	1,105.85	3/4	774.81	3/4	430.53	3/4	86.31	3/4		3/4		3/4		3/4	
1	1,786.14	1	1,441.84	1	1,098.96	1	767.64	1	423.36	1	79.16	1		1		1		1	
1/4	1,778.97	1/4	1,434.67	1/4	1,092.07	1/4	760.47	1/4	416.18	1/4	72.02	1/4		1/4		1/4		1/4	
1/2	1,771.80	1/2	1,427.50	1/2	1,085.18	1/2	753.29	1/2	409.01	1/2	64.88	1/2		1/2		1/2		1/2	
3/4	1,764.63	3/4	1,420.33	3/4	1,078.30	3/4	746.12	3/4	401.84	3/4	58.38	3/4		3/4		3/4		3/4	
2	1,757.45	2	1,413.15	2	1,071.42	2	738.95	2	394.66	2	51.89	2		2		2		2	
1/4	1,750.28	1/4	1,405.98	1/4	1,064.55	1/4	731.78	1/4	387.49	1/4	45.40	1/4		1/4		1/4		1/4	
1/2	1,743.11	1/2	1,398.81	1/2	1,057.67	1/2	724.60	1/2	380.32	1/2	38.91	1/2		1/2		1/2		1/2	
3/4	1,735.93	3/4	1,391.63	3/4	1,050.79	3/4	717.43	3/4	373.15	3/4	33.98	3/4		3/4		3/4		3/4	
3	1,728.76	3	1,384.46	3	1,043.92	3	710.26	3	365.97	3	29.05	3		3		3		3	
1/4	1,721.59	1/4	1,377.29	1/4	1,037.04	1/4	703.09	1/4	358.80	1/4	24.12	1/4		1/4		1/4		1/4	
1/2	1,714.42	1/2	1,370.12	1/2	1,030.16	1/2	695.91	1/2	351.63	1/2	19.19	1/2		1/2		1/2		1/2	
3/4	1,707.24	3/4	1,362.94	3/4	1,023.29	3/4	688.74	3/4	344.46	3/4		3/4		3/4		3/4		3/4	
4	1,700.07	4	1,355.77	4	1,016.42	4	681.57	4	337.28	4		4		4		4		4	
1/4	1,692.90	1/4	1,348.60	1/4	1,009.55	1/4	674.40	1/4	330.11	1/4		1/4		1/4		1/4		1/4	
1/2	1,685.72	1/2	1,341.42	1/2	1,002.68	1/2	667.22	1/2	322.94	1/2		1/2		1/2		1/2		1/2	
3/4	1,678.55	3/4	1,334.25	3/4	995.81	3/4	660.05	3/4	315.77	3/4		3/4		3/4		3/4		3/4	
5	1,671.38	5	1,327.08	5	988.95	5	652.88	5	308.59	5		5		5		5		5	
1/4	1,664.20	1/4	1,319.91	1/4	982.08	1/4	645.71	1/4	301.42	1/4		1/4		1/4		1/4		1/4	
1/2	1,657.03	1/2	1,312.73	1/2	975.21	1/2	638.53	1/2	294.25	1/2		1/2		1/2		1/2		1/2	
3/4	1,649.86	3/4	1,305.56	3/4	968.34	3/4	631.36	3/4	287.08	3/4		3/4		3/4		3/4		3/4	
6	1,642.69	6	1,298.39	6	961.47	6	624.19	6	279.90	6		6		6		6		6	
1/4	1,635.51	1/4	1,291.21	1/4	954.61	1/4	617.02	1/4	272.73	1/4		1/4		1/4		1/4		1/4	
1/2	1,628.34	1/2	1,284.04	1/2	947.74	1/2	609.84	1/2	265.56	1/2		1/2		1/2		1/2		1/2	
3/4	1,621.17	3/4	1,276.87	3/4	940.87	3/4	602.67	3/4	258.39	3/4		3/4		3/4		3/4		3/4	
7	1,613.99	7	1,269.70	7	934.00	7	595.50	7	251.21	7		7		7		7		7	
1/4	1,606.82	1/4	1,262.52	1/4	927.13	1/4	588.32	1/4	244.04	1/4		1/4		1/4		1/4		1/4	
1/2	1,599.65	1/2	1,255.35	1/2	920.26	1/2	581.15	1/2	236.87	1/2		1/2		1/2		1/2		1/2	
3/4	1,592.48	3/4	1,248.18	3/4	913.40	3/4	573.98	3/4	229.69	3/4		3/4		3/4		3/4		3/4	
8	1,585.30	8	1,241.00	8	906.53	8	566.81	8	222.52	8		8		8		8		8	
1/4	1,578.13	1/4	1,233.83	1/4	899.66	1/4	559.63	1/4	215.35	1/4		1/4		1/4		1/4		1/4	
1/2	1,570.96	1/2	1,226.66	1/2	892.79	1/2	552.46	1/2	208.18	1/2		1/2		1/2		1/2		1/2	
3/4	1,563.78	3/4	1,219.49	3/4	885.92	3/4	545.29	3/4	201.00	3/4		3/4		3/4		3/4		3/4	
9	1,556.61	9	1,212.31	9	879.06	9	538.12	9	193.83	9		9		9		9		9	
1/4	1,549.44	1/4	1,205.14	1/4	872.19	1/4	530.94	1/4	186.66	1/4		1/4		1/4		1/4		1/4	
1/2	1,542.27	1/2	1,197.97	1/2	865.32	1/2	523.77	1/2	179.49	1/2		1/2		1/2		1/2		1/2	
3/4	1,535.09	3/4	1,190.79	3/4	858.45	3/4	516.60	3/4	172.31	3/4		3/4		3/4		3/4		3/4	
10	1,527.92	10	1,183.62	10	851.58	10	509.43	10	165.14	10		10		10		10		10	
1/4	1,520.75	1/4	1,176.45	1/4	844.71	1/4	502.25	1/4	157.97	1/4		1/4		1/4		1/4		1/4	
1/2	1,513.57	1/2	1,169.27	1/2	837.85	1/2	495.08	1/2	150.80	1/2		1/2		1/2		1/2		1/2	
3/4	1,506.40	3/4	1,162.10	3/4	830.98	3/4	487.91	3/4	143.62	3/4		3/4		3/4		3/4		3/4	
11	1,499.23	11	1,154.93	11	824.11	11	480.74	11	136.45	11		11		11		11		11	
1/4	1,492.06	1/4	1,147.76	1/4	817.24	1/4	473.56	1/4	129.28	1/4		1/4		1/4		1/4		1/4	
1/2	1,484.88	1/2	1,140.58	1/2	810.37	1/2	466.39	1/2	122.11	1/2		1/2		1/2		1/2		1/2	
3/4	1,477.71	3/4	1,133.62	3/4	803.28	3/4	459.22	3/4	114.94	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CTCo 335"

2 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 1/2"

Table with 18 columns (IN, 0 FT., IN, 1 FT., IN, 2 FT., IN, 3 FT., IN, 4 FT., IN, 5 FT., IN, 6 FT., IN, 7 FT., IN, 8 FT., IN, 9 FT.) and multiple rows of capacity data.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7. CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL. CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK. CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE. GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 40'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT & ANALYSIS, INC. P.O. Box 2092

Pearland, Texas 77588 http://www.pmacorp.net





BARGE "CTCo 335"

2 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,828.28	0	1,484.09	0	1,139.88	0	796.13	0	451.94	0	107.76	0		0		0		0	
1/4	1,821.12	1/4	1,476.92	1/4	1,132.71	1/4	788.96	1/4	444.77	1/4	100.59	1/4		1/4		1/4		1/4	
1/2	1,813.96	1/2	1,469.75	1/2	1,125.54	1/2	781.79	1/2	437.59	1/2	93.43	1/2		1/2		1/2		1/2	
3/4	1,806.79	3/4	1,462.58	3/4	1,118.37	3/4	774.62	3/4	430.42	3/4	86.29	3/4		3/4		3/4		3/4	
1	1,799.62	1	1,455.41	1	1,111.20	1	767.45	1	423.25	1	79.15	1		1		1		1	
1/4	1,792.45	1/4	1,448.24	1/4	1,104.03	1/4	760.28	1/4	416.08	1/4	72.01	1/4		1/4		1/4		1/4	
1/2	1,785.27	1/2	1,441.07	1/2	1,096.86	1/2	753.11	1/2	408.91	1/2	64.86	1/2		1/2		1/2		1/2	
3/4	1,778.10	3/4	1,433.90	3/4	1,089.69	3/4	745.94	3/4	401.74	3/4	58.37	3/4		3/4		3/4		3/4	
2	1,770.93	2	1,426.72	2	1,082.52	2	738.77	2	394.57	2	51.89	2		2		2		2	
1/4	1,763.76	1/4	1,419.55	1/4	1,075.36	1/4	731.60	1/4	387.40	1/4	45.40	1/4		1/4		1/4		1/4	
1/2	1,756.59	1/2	1,412.38	1/2	1,068.19	1/2	724.43	1/2	380.23	1/2	38.91	1/2		1/2		1/2		1/2	
3/4	1,749.42	3/4	1,405.21	3/4	1,061.03	3/4	717.26	3/4	373.06	3/4	33.98	3/4		3/4		3/4		3/4	
3	1,742.25	3	1,398.04	3	1,053.86	3	710.08	3	365.89	3	29.05	3		3		3		3	
1/4	1,735.08	1/4	1,390.87	1/4	1,046.69	1/4	702.91	1/4	358.72	1/4	24.12	1/4		1/4		1/4		1/4	
1/2	1,727.91	1/2	1,383.70	1/2	1,039.53	1/2	695.74	1/2	351.54	1/2	19.19	1/2		1/2		1/2		1/2	
3/4	1,720.74	3/4	1,376.53	3/4	1,032.37	3/4	688.57	3/4	344.37	3/4		3/4		3/4		3/4		3/4	
4	1,713.56	4	1,369.36	4	1,025.21	4	681.40	4	337.20	4		4		4		4		4	
1/4	1,706.39	1/4	1,362.19	1/4	1,018.05	1/4	674.23	1/4	330.03	1/4		1/4		1/4		1/4		1/4	
1/2	1,699.22	1/2	1,355.01	1/2	1,010.89	1/2	667.06	1/2	322.86	1/2		1/2		1/2		1/2		1/2	
3/4	1,692.05	3/4	1,347.84	3/4	1,003.73	3/4	659.89	3/4	315.69	3/4		3/4		3/4		3/4		3/4	
5	1,684.88	5	1,340.67	5	996.57	5	652.72	5	308.52	5		5		5		5		5	
1/4	1,677.71	1/4	1,333.50	1/4	989.42	1/4	645.55	1/4	301.35	1/4		1/4		1/4		1/4		1/4	
1/2	1,670.54	1/2	1,326.33	1/2	982.26	1/2	638.38	1/2	294.18	1/2		1/2		1/2		1/2		1/2	
3/4	1,663.37	3/4	1,319.16	3/4	975.10	3/4	631.21	3/4	287.01	3/4		3/4		3/4		3/4		3/4	
6	1,656.20	6	1,311.99	6	967.94	6	624.04	6	279.84	6		6		6		6		6	
1/4	1,649.03	1/4	1,304.82	1/4	960.78	1/4	616.86	1/4	272.67	1/4		1/4		1/4		1/4		1/4	
1/2	1,641.85	1/2	1,297.65	1/2	953.63	1/2	609.69	1/2	265.50	1/2		1/2		1/2		1/2		1/2	
3/4	1,634.68	3/4	1,290.48	3/4	946.47	3/4	602.52	3/4	258.32	3/4		3/4		3/4		3/4		3/4	
7	1,627.51	7	1,283.30	7	939.31	7	595.35	7	251.15	7		7		7		7		7	
1/4	1,620.34	1/4	1,276.13	1/4	932.15	1/4	588.18	1/4	243.98	1/4		1/4		1/4		1/4		1/4	
1/2	1,613.17	1/2	1,268.96	1/2	924.99	1/2	581.01	1/2	236.81	1/2		1/2		1/2		1/2		1/2	
3/4	1,606.00	3/4	1,261.79	3/4	917.83	3/4	573.84	3/4	229.64	3/4		3/4		3/4		3/4		3/4	
8	1,598.83	8	1,254.62	8	910.68	8	566.67	8	222.47	8		8		8		8		8	
1/4	1,591.66	1/4	1,247.45	1/4	903.52	1/4	559.50	1/4	215.30	1/4		1/4		1/4		1/4		1/4	
1/2	1,584.49	1/2	1,240.28	1/2	896.36	1/2	552.33	1/2	208.13	1/2		1/2		1/2		1/2		1/2	
3/4	1,577.32	3/4	1,233.11	3/4	889.20	3/4	545.16	3/4	200.96	3/4		3/4		3/4		3/4		3/4	
9	1,570.14	9	1,225.94	9	882.04	9	537.99	9	193.79	9		9		9		9		9	
1/4	1,562.97	1/4	1,218.77	1/4	874.89	1/4	530.81	1/4	186.62	1/4		1/4		1/4		1/4		1/4	
1/2	1,555.80	1/2	1,211.59	1/2	867.73	1/2	523.64	1/2	179.45	1/2		1/2		1/2		1/2		1/2	
3/4	1,548.63	3/4	1,204.42	3/4	860.57	3/4	516.47	3/4	172.27	3/4		3/4		3/4		3/4		3/4	
10	1,541.46	10	1,197.25	10	853.41	10	509.30	10	165.10	10		10		10		10		10	
1/4	1,534.29	1/4	1,190.08	1/4	846.25	1/4	502.13	1/4	157.93	1/4		1/4		1/4		1/4		1/4	
1/2	1,527.12	1/2	1,182.91	1/2	839.10	1/2	494.96	1/2	150.76	1/2		1/2		1/2		1/2		1/2	
3/4	1,519.95	3/4	1,175.74	3/4	831.94	3/4	487.79	3/4	143.59	3/4		3/4		3/4		3/4		3/4	
11	1,512.78	11	1,168.57	11	824.78	11	480.62	11	136.42	11		11		11		11		11	
1/4	1,505.61	1/4	1,161.40	1/4	817.62	1/4	473.45	1/4	129.25	1/4		1/4		1/4		1/4		1/4	
1/2	1,498.43	1/2	1,154.23	1/2	810.46	1/2	466.28	1/2	122.08	1/2		1/2		1/2		1/2		1/2	
3/4	1,491.26	3/4	1,147.06	3/4	803.30	3/4	459.11	3/4	114.92	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CTCo 335"

3 PORT ULLAGE TABLE HERMETIC

GAUGE HEIGHT 15'-03"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
			4,416.00		4,240.25		4,059.34		3,867.17		3,671.90		3,347.99		2,985.18		2,622.11		2,260.14
1/4	1/4	1/4	4,413.11	1/4	4,236.61	1/4	4,055.43	1/4	3,863.10	1/4	3,667.83	1/4	3,340.45	1/4	2,977.62	1/4	2,614.54	1/4	2,252.63
1/2	1/2	1/2	4,410.21	1/2	4,232.97	1/2	4,051.53	1/2	3,859.04	1/2	3,663.76	1/2	3,332.91	1/2	2,970.05	1/2	2,606.97	1/2	2,245.13
3/4	3/4	3/4	4,407.32	3/4	4,229.33	3/4	4,047.62	3/4	3,854.97	3/4	3,659.69	3/4	3,325.37	3/4	2,962.49	3/4	2,599.40	3/4	2,237.62
1	1	1	4,404.43	1	4,225.69	1	4,043.72	1	3,850.90	1	3,655.63	1	3,317.83	1	2,954.93	1	2,591.83	1	2,230.11
1/4	1/4	1/4	4,400.59	1/4	4,222.01	1/4	4,039.79	1/4	3,846.83	1/4	3,651.56	1/4	3,310.28	1/4	2,947.36	1/4	2,584.26	1/4	2,222.60
1/2	1/2	1/2	4,396.75	1/2	4,218.32	1/2	4,035.86	1/2	3,842.76	1/2	3,647.49	1/2	3,302.72	1/2	2,939.80	1/2	2,576.69	1/2	2,215.09
3/4	3/4	3/4	4,392.91	3/4	4,214.64	3/4	4,031.94	3/4	3,838.69	3/4	3,643.42	3/4	3,295.17	3/4	2,932.24	3/4	2,569.12	3/4	2,207.59
2	2	2	4,389.07	2	4,210.96	2	4,028.01	2	3,834.63	2	3,639.35	2	3,287.61	2	2,924.67	2	2,561.55	2	2,200.08
1/4	1/4	1/4	4,385.04	1/4	4,207.26	1/4	4,024.07	1/4	3,830.56	1/4	3,633.97	1/4	3,280.05	1/4	2,917.11	1/4	2,553.98	1/4	2,192.57
1/2	1/2	1/2	4,381.01	1/2	4,203.55	1/2	4,020.12	1/2	3,826.49	1/2	3,628.58	1/2	3,272.49	1/2	2,909.55	1/2	2,546.41	1/2	2,185.06
3/4	3/4	3/4	4,376.98	3/4	4,199.85	3/4	4,016.18	3/4	3,822.42	3/4	3,623.20	3/4	3,264.93	3/4	2,901.98	3/4	2,538.84	3/4	2,177.56
3	3	3	4,372.95	3	4,196.14	3	4,012.23	3	3,818.35	3	3,617.81	3	3,257.37	3	2,894.42	3	2,531.27	3	2,170.05
1/4	1/4	1/4	4,368.92	1/4	4,192.41	1/4	4,008.27	1/4	3,814.29	1/4	3,610.69	1/4	3,249.81	1/4	2,886.86	1/4	2,523.73	1/4	2,162.54
1/2	1/2	1/2	4,364.89	1/2	4,188.69	1/2	4,004.31	1/2	3,810.22	1/2	3,603.57	1/2	3,242.25	1/2	2,879.29	1/2	2,516.18	1/2	2,155.03
3/4	3/4	3/4	4,360.86	3/4	4,184.96	3/4	4,000.34	3/4	3,806.15	3/4	3,596.45	3/4	3,234.69	3/4	2,871.73	3/4	2,508.64	3/4	2,147.52
4	4	4	4,356.83	4	4,181.23	4	3,996.38	4	3,802.08	4	3,589.33	4	3,227.13	4	2,864.17	4	2,501.10	4	2,140.02
1/4	1/4	1/4	4,352.80	1/4	4,177.49	1/4	3,992.40	1/4	3,798.01	1/4	3,581.78	1/4	3,219.57	1/4	2,856.60	1/4	2,493.57	1/4	2,132.51
1/2	1/2	1/2	4,348.77	1/2	4,173.74	1/2	3,988.42	1/2	3,793.94	1/2	3,574.23	1/2	3,212.01	1/2	2,849.04	1/2	2,486.03	1/2	2,125.00
3/4	3/4	3/4	4,344.74	3/4	4,170.00	3/4	3,984.44	3/4	3,789.88	3/4	3,566.68	3/4	3,204.45	3/4	2,841.47	3/4	2,478.50	3/4	2,117.49
5	5	5	4,340.72	5	4,166.25	5	3,980.46	5	3,785.81	5	3,559.12	5	3,196.88	5	2,833.91	5	2,470.97	5	2,109.98
1/4	1/4	1/4	4,337.07	1/4	4,162.49	1/4	3,976.46	1/4	3,781.74	1/4	3,551.58	1/4	3,189.32	1/4	2,826.35	1/4	2,463.44	1/4	2,102.48
1/2	1/2	1/2	4,333.42	1/2	4,158.72	1/2	3,972.45	1/2	3,777.67	1/2	3,544.04	1/2	3,181.76	1/2	2,818.78	1/2	2,455.91	1/2	2,094.97
3/4	3/4	3/4	4,329.78	3/4	4,154.96	3/4	3,968.45	3/4	3,773.60	3/4	3,536.50	3/4	3,174.20	3/4	2,811.22	3/4	2,448.37	3/4	2,087.46
6	6	6	4,326.13	6	4,151.19	6	3,964.45	6	3,769.53	6	3,528.95	6	3,166.64	6	2,803.66	6	2,440.84	6	2,079.95
1/4	1/4	1/4	4,322.60	1/4	4,147.41	1/4	3,960.43	1/4	3,765.47	1/4	3,521.41	1/4	3,159.08	1/4	2,796.09	1/4	2,433.31	1/4	2,072.98
1/2	1/2	1/2	4,319.06	1/2	4,143.63	1/2	3,956.41	1/2	3,761.40	1/2	3,513.87	1/2	3,151.52	1/2	2,788.53	1/2	2,425.78	1/2	2,066.01
3/4	3/4	3/4	4,315.53	3/4	4,139.85	3/4	3,952.39	3/4	3,757.33	3/4	3,506.33	3/4	3,143.96	3/4	2,780.97	3/4	2,418.24	3/4	2,059.04
7	7	7	4,312.00	7	4,136.07	7	3,948.37	7	3,753.26	7	3,498.79	7	3,136.40	7	2,773.40	7	2,410.71	7	2,052.07
1/4	1/4	1/4	4,308.45	1/4	4,132.27	1/4	3,944.33	1/4	3,749.19	1/4	3,491.25	1/4	3,128.84	1/4	2,765.84	1/4	2,403.18	1/4	2,045.28
1/2	1/2	1/2	4,304.90	1/2	4,128.47	1/2	3,940.29	1/2	3,745.13	1/2	3,483.71	1/2	3,121.28	1/2	2,758.28	1/2	2,395.65	1/2	2,038.49
3/4	3/4	3/4	4,301.35	3/4	4,124.67	3/4	3,936.25	3/4	3,741.06	3/4	3,476.17	3/4	3,113.72	3/4	2,750.71	3/4	2,388.12	3/4	2,031.70
8	8	8	4,297.81	8	4,120.87	8	3,932.21	8	3,736.99	8	3,468.63	8	3,106.16	8	2,743.15	8	2,380.58	8	2,024.91
1/4	1/4	1/4	4,294.24	1/4	4,117.05	1/4	3,928.15	1/4	3,732.92	1/4	3,461.09	1/4	3,098.60	1/4	2,735.59	1/4	2,373.05	1/4	2,017.61
1/2	1/2	1/2	4,290.67	1/2	4,113.23	1/2	3,924.10	1/2	3,728.85	1/2	3,453.55	1/2	3,091.03	1/2	2,728.02	1/2	2,365.52	1/2	2,010.30
3/4	3/4	3/4	4,287.10	3/4	4,109.41	3/4	3,920.04	3/4	3,724.78	3/4	3,446.01	3/4	3,083.47	3/4	2,720.46	3/4	2,357.99	3/4	2,003.00
9	9	9	4,283.53	9	4,105.60	9	3,915.98	9	3,720.72	9	3,438.47	9	3,075.91	9	2,712.90	9	2,350.46	9	1,995.70
1/4	1/4	1/4	4,279.94	1/4	4,101.76	1/4	3,911.92	1/4	3,716.65	1/4	3,430.93	1/4	3,068.35	1/4	2,705.33	1/4	2,342.92	1/4	1,988.22
1/2	1/2	1/2	4,276.35	1/2	4,097.93	1/2	3,907.85	1/2	3,712.58	1/2	3,423.39	1/2	3,060.79	1/2	2,697.77	1/2	2,335.39	1/2	1,980.75
3/4	3/4	3/4	4,272.76	3/4	4,094.09	3/4	3,903.78	3/4	3,708.51	3/4	3,415.85	3/4	3,053.23	3/4	2,690.21	3/4	2,327.86	3/4	1,973.28
10	10	10	4,269.18	10	4,090.25	10	3,899.72	10	3,704.44	10	3,408.31	10	3,045.67	10	2,682.64	10	2,320.33	10	1,965.80
1/4	1/4	1/4	4,265.57	1/4	4,086.40	1/4	3,895.65	1/4	3,700.38	1/4	3,400.77	1/4	3,038.11	1/4	2,675.08	1/4	2,312.79	1/4	1,958.33
1/2	1/2	1/2	4,261.96	1/2	4,082.55	1/2	3,891.58	1/2	3,696.31	1/2	3,393.23	1/2	3,030.55	1/2	2,667.52	1/2	2,305.26	1/2	1,950.85
3/4	3/4	3/4	4,258.36	3/4	4,078.69	3/4	3,887.51	3/4	3,692.24	3/4	3,385.69	3/4	3,022.99	3/4	2,659.95	3/4	2,297.73	3/4	1,943.38
11	11	11	4,254.75	11	4,074.84	11	3,883.44	11	3,688.17	11	3,378.15	11	3,015.43	11	2,652.39	11	2,290.20	11	1,935.91
1/4	1/4	1/4	4,251.13	1/4	4,070.96	1/4	3,879.38	1/4	3,684.10	1/4	3,370.61	1/4	3,007.87	1/4	2,644.82	1/4	2,282.68	1/4	1,928.36
1/2	1/2	1/2	4,247.50	1/2	4,067.09	1/2	3,875.31	1/2	3,680.03	1/2	3,363.07	1/2	3,000.30	1/2	2,637.25	1/2	2,275.17	1/2	1,920.82
3/4	3/4	3/4	4,243.88	3/4	4,063.21	3/4	3,871.24	3/4	3,675.97	3/4	3,355.53	3/4	2,992.74	3/4	2,629.68	3/4	2,267.66	3/4	1,913.27

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092

Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CTCo 335"

3 PORT ULLAGE TABLE HERMETIC GAUGE HEIGHT 15'-03"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,905.72	0	1,542.26	0	1,179.42	0	826.11	0	462.46	0	98.84	0		0		0		0	
1/4	1,898.15	1/4	1,534.69	1/4	1,172.06	1/4	818.54	1/4	454.88	1/4	91.28	1/4		1/4		1/4		1/4	
1/2	1,890.58	1/2	1,527.11	1/2	1,164.70	1/2	810.96	1/2	447.31	1/2	83.73	1/2		1/2		1/2		1/2	
3/4	1,883.01	3/4	1,519.54	3/4	1,157.34	3/4	803.39	3/4	439.73	3/4	76.17	3/4		3/4		3/4		3/4	
1	1,875.43	1	1,511.97	1	1,149.97	1	795.81	1	432.16	1	68.61	1		1		1		1	
1/4	1,867.86	1/4	1,504.40	1/4	1,142.62	1/4	788.23	1/4	424.58	1/4	61.75	1/4		1/4		1/4		1/4	
1/2	1,860.29	1/2	1,496.82	1/2	1,135.27	1/2	780.66	1/2	417.01	1/2	54.88	1/2		1/2		1/2		1/2	
3/4	1,852.72	3/4	1,489.25	3/4	1,127.91	3/4	773.08	3/4	409.43	3/4	48.02	3/4		3/4		3/4		3/4	
2	1,845.15	2	1,481.68	2	1,120.56	2	765.50	2	401.86	2	41.15	2		2		2		2	
1/4	1,837.57	1/4	1,474.11	1/4	1,113.21	1/4	757.93	1/4	394.28	1/4	35.93	1/4		1/4		1/4		1/4	
1/2	1,830.00	1/2	1,466.54	1/2	1,105.86	1/2	750.35	1/2	386.71	1/2	30.72	1/2		1/2		1/2		1/2	
3/4	1,822.43	3/4	1,458.96	3/4	1,098.51	3/4	742.78	3/4	379.13	3/4	25.50	3/4		3/4		3/4		3/4	
3	1,814.86	3	1,451.39	3	1,091.16	3	735.20	3	371.56	3	20.28	3		3		3		3	
1/4	1,807.28	1/4	1,443.82	1/4	1,083.82	1/4	727.62	1/4	363.98	1/4		1/4		1/4		1/4		1/4	
1/2	1,799.71	1/2	1,436.25	1/2	1,076.47	1/2	720.05	1/2	356.41	1/2		1/2		1/2		1/2		1/2	
3/4	1,792.14	3/4	1,428.67	3/4	1,069.13	3/4	712.47	3/4	348.83	3/4		3/4		3/4		3/4		3/4	
4	1,784.57	4	1,421.10	4	1,061.78	4	704.89	4	341.26	4		4		4		4		4	
1/4	1,777.00	1/4	1,413.53	1/4	1,054.44	1/4	697.32	1/4	333.68	1/4		1/4		1/4		1/4		1/4	
1/2	1,769.42	1/2	1,405.96	1/2	1,047.10	1/2	689.74	1/2	326.11	1/2		1/2		1/2		1/2		1/2	
3/4	1,761.85	3/4	1,398.39	3/4	1,039.75	3/4	682.17	3/4	318.53	3/4		3/4		3/4		3/4		3/4	
5	1,754.28	5	1,390.81	5	1,032.41	5	674.59	5	310.96	5		5		5		5		5	
1/4	1,746.71	1/4	1,383.24	1/4	1,025.07	1/4	667.01	1/4	303.38	1/4		1/4		1/4		1/4		1/4	
1/2	1,739.14	1/2	1,375.67	1/2	1,017.73	1/2	659.44	1/2	295.81	1/2		1/2		1/2		1/2		1/2	
3/4	1,731.56	3/4	1,368.10	3/4	1,010.38	3/4	651.86	3/4	288.23	3/4		3/4		3/4		3/4		3/4	
6	1,723.99	6	1,360.53	6	1,003.04	6	644.28	6	280.66	6		6		6		6		6	
1/4	1,716.42	1/4	1,352.95	1/4	995.70	1/4	636.71	1/4	273.08	1/4		1/4		1/4		1/4		1/4	
1/2	1,708.85	1/2	1,345.38	1/2	988.35	1/2	629.13	1/2	265.51	1/2		1/2		1/2		1/2		1/2	
3/4	1,701.27	3/4	1,337.81	3/4	981.01	3/4	621.55	3/4	257.93	3/4		3/4		3/4		3/4		3/4	
7	1,693.70	7	1,330.24	7	973.67	7	613.98	7	250.36	7		7		7		7		7	
1/4	1,686.13	1/4	1,322.66	1/4	966.33	1/4	606.40	1/4	242.78	1/4		1/4		1/4		1/4		1/4	
1/2	1,678.56	1/2	1,315.09	1/2	958.98	1/2	598.83	1/2	235.21	1/2		1/2		1/2		1/2		1/2	
3/4	1,670.99	3/4	1,307.52	3/4	951.64	3/4	591.25	3/4	227.63	3/4		3/4		3/4		3/4		3/4	
8	1,663.41	8	1,299.95	8	944.30	8	583.67	8	220.05	8		8		8		8		8	
1/4	1,655.84	1/4	1,292.38	1/4	936.96	1/4	576.10	1/4	212.48	1/4		1/4		1/4		1/4		1/4	
1/2	1,648.27	1/2	1,284.80	1/2	929.61	1/2	568.52	1/2	204.90	1/2		1/2		1/2		1/2		1/2	
3/4	1,640.70	3/4	1,277.23	3/4	922.27	3/4	560.94	3/4	197.32	3/4		3/4		3/4		3/4		3/4	
9	1,633.12	9	1,269.66	9	914.93	9	553.37	9	189.75	9		9		9		9		9	
1/4	1,625.55	1/4	1,262.09	1/4	907.58	1/4	545.79	1/4	182.17	1/4		1/4		1/4		1/4		1/4	
1/2	1,617.98	1/2	1,254.51	1/2	900.24	1/2	538.22	1/2	174.59	1/2		1/2		1/2		1/2		1/2	
3/4	1,610.41	3/4	1,246.94	3/4	892.90	3/4	530.64	3/4	167.02	3/4		3/4		3/4		3/4		3/4	
10	1,602.84	10	1,239.37	10	885.56	10	523.06	10	159.44	10		10		10		10		10	
1/4	1,595.26	1/4	1,231.80	1/4	878.21	1/4	515.49	1/4	151.86	1/4		1/4		1/4		1/4		1/4	
1/2	1,587.69	1/2	1,224.23	1/2	870.87	1/2	507.91	1/2	144.29	1/2		1/2		1/2		1/2		1/2	
3/4	1,580.12	3/4	1,216.65	3/4	863.53	3/4	500.33	3/4	136.71	3/4		3/4		3/4		3/4		3/4	
11	1,572.55	11	1,209.08	11	856.19	11	492.76	11	129.13	11		11		11		11		11	
1/4	1,564.97	1/4	1,201.67	1/4	848.67	1/4	485.18	1/4	121.56	1/4		1/4		1/4		1/4		1/4	
1/2	1,557.40	1/2	1,194.25	1/2	841.15	1/2	477.61	1/2	113.99	1/2		1/2		1/2		1/2		1/2	
3/4	1,549.83	3/4	1,186.84	3/4	833.63	3/4	470.03	3/4	106.41	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/28/2014 CL
CALCULATED: 08/29/2014 CL
PRINTED: 09/02/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CTCo 335"

3 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	4,270.52	0	4,090.19	0	3,898.48	0	3,703.28	0	3,385.77	0	3,022.04	0	2,658.04	0	2,293.70
1/4		1/4		1/4	4,266.90	1/4	4,086.32	1/4	3,894.41	1/4	3,699.21	1/4	3,378.21	1/4	3,014.46	1/4	2,650.46	1/4	2,286.11
1/2		1/2	4,438.92	1/2	4,263.28	1/2	4,082.45	1/2	3,890.35	1/2	3,695.15	1/2	3,370.65	1/2	3,006.88	1/2	2,642.87	1/2	2,278.52
3/4		3/4	4,436.03	3/4	4,259.63	3/4	4,078.54	3/4	3,886.28	3/4	3,691.08	3/4	3,363.09	3/4	2,999.30	3/4	2,635.28	3/4	2,270.93
1		1	4,433.14	1	4,255.99	1	4,074.64	1	3,882.21	1	3,687.01	1	3,355.53	1	2,991.71	1	2,627.69	1	2,263.34
1/4		1/4	4,430.25	1/4	4,252.35	1/4	4,070.74	1/4	3,878.15	1/4	3,682.95	1/4	3,347.97	1/4	2,984.13	1/4	2,620.10	1/4	2,255.75
1/2		1/2	4,427.37	1/2	4,248.71	1/2	4,066.83	1/2	3,874.08	1/2	3,678.88	1/2	3,340.41	1/2	2,976.55	1/2	2,612.51	1/2	2,248.16
3/4		3/4	4,423.53	3/4	4,245.04	3/4	4,062.91	3/4	3,870.01	3/4	3,674.81	3/4	3,332.83	3/4	2,968.96	3/4	2,604.92	3/4	2,240.57
2		2	4,419.69	2	4,241.36	2	4,058.98	2	3,865.95	2	3,670.75	2	3,325.26	2	2,961.38	2	2,597.32	2	2,232.98
1/4		1/4	4,415.85	1/4	4,237.68	1/4	4,055.06	1/4	3,861.88	1/4	3,666.68	1/4	3,317.68	1/4	2,953.80	1/4	2,589.73	1/4	2,225.39
1/2		1/2	4,412.01	1/2	4,234.00	1/2	4,051.13	1/2	3,857.81	1/2	3,662.61	1/2	3,310.11	1/2	2,946.21	1/2	2,582.14	1/2	2,217.80
3/4		3/4	4,407.98	3/4	4,230.30	3/4	4,047.19	3/4	3,853.75	3/4	3,657.23	3/4	3,302.53	3/4	2,938.63	3/4	2,574.55	3/4	2,210.21
3		3	4,403.95	3	4,226.59	3	4,043.25	3	3,849.68	3	3,651.84	3	3,294.95	3	2,931.05	3	2,566.96	3	2,202.62
1/4		1/4	4,399.93	1/4	4,222.89	1/4	4,039.30	1/4	3,845.61	1/4	3,646.45	1/4	3,287.37	1/4	2,923.46	1/4	2,559.37	1/4	2,195.03
1/2		1/2	4,395.90	1/2	4,219.19	1/2	4,035.36	1/2	3,841.55	1/2	3,641.07	1/2	3,279.79	1/2	2,915.88	1/2	2,551.78	1/2	2,187.44
3/4		3/4	4,391.87	3/4	4,215.46	3/4	4,031.40	3/4	3,837.48	3/4	3,633.94	3/4	3,272.21	3/4	2,908.30	3/4	2,544.19	3/4	2,179.85
4		4	4,387.84	4	4,211.74	4	4,027.44	4	3,833.41	4	3,626.82	4	3,264.62	4	2,900.71	4	2,536.60	4	2,172.26
1/4		1/4	4,383.82	1/4	4,208.01	1/4	4,023.48	1/4	3,829.35	1/4	3,619.69	1/4	3,257.04	1/4	2,893.13	1/4	2,529.01	1/4	2,164.67
1/2		1/2	4,379.79	1/2	4,204.29	1/2	4,019.52	1/2	3,825.28	1/2	3,612.56	1/2	3,249.46	1/2	2,885.55	1/2	2,521.42	1/2	2,157.08
3/4		3/4	4,375.76	3/4	4,200.54	3/4	4,015.54	3/4	3,821.21	3/4	3,605.00	3/4	3,241.88	3/4	2,877.96	3/4	2,513.83	3/4	2,149.49
5		5	4,371.73	5	4,196.80	5	4,011.56	5	3,817.15	5	3,597.44	5	3,234.30	5	2,870.38	5	2,506.24	5	2,141.89
1/4		1/4	4,367.70	1/4	4,193.05	1/4	4,007.58	1/4	3,813.08	1/4	3,589.88	1/4	3,226.72	1/4	2,862.80	1/4	2,498.65	1/4	2,134.30
1/2		1/2	4,363.68	1/2	4,189.31	1/2	4,003.60	1/2	3,809.01	1/2	3,582.32	1/2	3,219.14	1/2	2,855.22	1/2	2,491.06	1/2	2,126.71
3/4		3/4	4,360.03	3/4	4,185.55	3/4	3,999.60	3/4	3,804.95	3/4	3,574.76	3/4	3,211.56	3/4	2,847.63	3/4	2,483.47	3/4	2,119.12
6		6	4,356.39	6	4,181.79	6	3,995.60	6	3,800.88	6	3,567.20	6	3,203.98	6	2,840.05	6	2,475.88	6	2,111.53
1/4		1/4	4,352.74	1/4	4,178.02	1/4	3,991.60	1/4	3,796.81	1/4	3,559.64	1/4	3,196.40	1/4	2,832.47	1/4	2,468.29	1/4	2,103.94
1/2		1/2	4,349.10	1/2	4,174.26	1/2	3,987.60	1/2	3,792.75	1/2	3,552.08	1/2	3,188.82	1/2	2,824.88	1/2	2,460.70	1/2	2,096.35
3/4		3/4	4,345.57	3/4	4,170.48	3/4	3,983.58	3/4	3,788.68	3/4	3,544.52	3/4	3,181.24	3/4	2,817.30	3/4	2,453.11	3/4	2,089.30
7		7	4,342.04	7	4,166.70	7	3,979.56	7	3,784.61	7	3,536.96	7	3,173.66	7	2,809.72	7	2,445.51	7	2,082.25
1/4		1/4	4,338.51	1/4	4,162.92	1/4	3,975.54	1/4	3,780.55	1/4	3,529.41	1/4	3,166.08	1/4	2,802.13	1/4	2,437.92	1/4	2,075.20
1/2		1/2	4,334.98	1/2	4,159.14	1/2	3,971.52	1/2	3,776.48	1/2	3,521.85	1/2	3,158.50	1/2	2,794.55	1/2	2,430.33	1/2	2,068.14
3/4		3/4	4,331.43	3/4	4,155.34	3/4	3,967.48	3/4	3,772.41	3/4	3,514.29	3/4	3,150.92	3/4	2,786.97	3/4	2,422.74	3/4	2,061.27
8		8	4,327.89	8	4,151.54	8	3,963.44	8	3,768.35	8	3,506.73	8	3,143.34	8	2,779.38	8	2,415.15	8	2,054.40
1/4		1/4	4,324.34	1/4	4,147.75	1/4	3,959.41	1/4	3,764.28	1/4	3,499.17	1/4	3,135.76	1/4	2,771.80	1/4	2,407.56	1/4	2,047.53
1/2		1/2	4,320.79	1/2	4,143.95	1/2	3,955.37	1/2	3,760.21	1/2	3,491.61	1/2	3,128.18	1/2	2,764.22	1/2	2,399.97	1/2	2,040.66
3/4		3/4	4,317.23	3/4	4,140.13	3/4	3,951.31	3/4	3,756.15	3/4	3,484.05	3/4	3,120.60	3/4	2,756.63	3/4	2,392.38	3/4	2,033.27
9		9	4,313.66	9	4,136.32	9	3,947.26	9	3,752.08	9	3,476.49	9	3,113.01	9	2,749.05	9	2,384.79	9	2,025.89
1/4		1/4	4,310.09	1/4	4,132.50	1/4	3,943.20	1/4	3,748.01	1/4	3,468.93	1/4	3,105.43	1/4	2,741.47	1/4	2,377.20	1/4	2,018.50
1/2		1/2	4,306.53	1/2	4,128.68	1/2	3,939.15	1/2	3,743.95	1/2	3,461.37	1/2	3,097.85	1/2	2,733.88	1/2	2,369.61	1/2	2,011.11
3/4		3/4	4,302.94	3/4	4,124.85	3/4	3,935.08	3/4	3,739.88	3/4	3,453.81	3/4	3,090.27	3/4	2,726.30	3/4	2,362.02	3/4	2,003.56
10		10	4,299.35	10	4,121.02	10	3,931.01	10	3,735.81	10	3,446.25	10	3,082.69	10	2,718.72	10	2,354.43	10	1,996.00
1/4		1/4	4,295.77	1/4	4,117.18	1/4	3,926.95	1/4	3,731.75	1/4	3,438.69	1/4	3,075.11	1/4	2,711.13	1/4	2,346.84	1/4	1,988.45
1/2		1/2	4,292.18	1/2	4,113.35	1/2	3,922.88	1/2	3,727.68	1/2	3,431.13	1/2	3,067.53	1/2	2,703.55	1/2	2,339.25	1/2	1,980.89
3/4		3/4	4,288.58	3/4	4,109.50	3/4	3,918.81	3/4	3,723.61	3/4	3,423.57	3/4	3,059.95	3/4	2,695.97	3/4	2,331.66	3/4	1,973.33
11		11	4,284.97	11	4,105.64	11	3,914.75	11	3,719.55	11	3,416.01	11	3,052.37	11	2,688.38	11	2,324.07	11	1,965.78
1/4		1/4	4,281.37	1/4	4,101.79	1/4	3,910.68	1/4	3,715.48	1/4	3,408.45	1/4	3,044.79	1/4	2,680.80	1/4	2,316.48	1/4	1,958.22
1/2		1/2	4,277.76	1/2	4,097.94	1/2	3,906.61	1/2	3,711.41	1/2	3,400.89	1/2	3,037.21	1/2	2,673.22	1/2	2,308.89	1/2	1,950.66
3/4		3/4	4,274.14	3/4	4,094.07	3/4	3,902.55	3/4	3,707.35	3/4	3,393.33	3/4	3,029.63	3/4	2,665.63	3/4	2,301.30	3/4	1,943.08

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092

Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CTCo 335"

3 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,935.50	0	1,571.10	0	1,206.69	0	842.83	0	478.43	0	114.05	0		0		0		0	
1/4	1,927.91	1/4	1,563.51	1/4	1,199.10	1/4	835.24	1/4	470.84	1/4	106.47	1/4		1/4		1/4		1/4	
1/2	1,920.33	1/2	1,555.92	1/2	1,191.51	1/2	827.65	1/2	463.25	1/2	98.89	1/2		1/2		1/2		1/2	
3/4	1,912.74	3/4	1,548.33	3/4	1,183.92	3/4	820.06	3/4	455.66	3/4	91.33	3/4		3/4		3/4		3/4	
1	1,905.15	1	1,540.74	1	1,176.33	1	812.47	1	448.07	1	83.77	1		1		1		1	
1/4	1,897.56	1/4	1,533.14	1/4	1,168.73	1/4	804.88	1/4	440.48	1/4	76.20	1/4		1/4		1/4		1/4	
1/2	1,889.96	1/2	1,525.55	1/2	1,161.14	1/2	797.29	1/2	432.88	1/2	68.64	1/2		1/2		1/2		1/2	
3/4	1,882.37	3/4	1,517.96	3/4	1,153.56	3/4	789.69	3/4	425.29	3/4	61.77	3/4		3/4		3/4		3/4	
2	1,874.78	2	1,510.37	2	1,145.97	2	782.10	2	417.70	2	54.90	2		2		2		2	
1/4	1,867.19	1/4	1,502.78	1/4	1,138.38	1/4	774.51	1/4	410.11	1/4	48.03	1/4		1/4		1/4		1/4	
1/2	1,859.60	1/2	1,495.19	1/2	1,130.80	1/2	766.92	1/2	402.52	1/2	41.16	1/2		1/2		1/2		1/2	
3/4	1,852.00	3/4	1,487.59	3/4	1,123.21	3/4	759.33	3/4	394.93	3/4	35.95	3/4		3/4		3/4		3/4	
3	1,844.41	3	1,480.00	3	1,115.63	3	751.74	3	387.33	3	30.73	3		3		3		3	
1/4	1,836.82	1/4	1,472.41	1/4	1,108.05	1/4	744.14	1/4	379.74	1/4	25.51	1/4		1/4		1/4		1/4	
1/2	1,829.23	1/2	1,464.82	1/2	1,100.46	1/2	736.55	1/2	372.15	1/2	20.29	1/2		1/2		1/2		1/2	
3/4	1,821.64	3/4	1,457.23	3/4	1,092.88	3/4	728.96	3/4	364.56	3/4		3/4		3/4		3/4		3/4	
4	1,814.05	4	1,449.63	4	1,085.30	4	721.37	4	356.97	4		4		4		4		4	
1/4	1,806.45	1/4	1,442.04	1/4	1,077.73	1/4	713.78	1/4	349.38	1/4		1/4		1/4		1/4		1/4	
1/2	1,798.86	1/2	1,434.45	1/2	1,070.15	1/2	706.19	1/2	341.78	1/2		1/2		1/2		1/2		1/2	
3/4	1,791.27	3/4	1,426.86	3/4	1,062.57	3/4	698.59	3/4	334.19	3/4		3/4		3/4		3/4		3/4	
5	1,783.68	5	1,419.27	5	1,054.99	5	691.00	5	326.60	5		5		5		5		5	
1/4	1,776.09	1/4	1,411.67	1/4	1,047.42	1/4	683.41	1/4	319.01	1/4		1/4		1/4		1/4		1/4	
1/2	1,768.49	1/2	1,404.08	1/2	1,039.84	1/2	675.82	1/2	311.42	1/2		1/2		1/2		1/2		1/2	
3/4	1,760.90	3/4	1,396.49	3/4	1,032.26	3/4	668.23	3/4	303.83	3/4		3/4		3/4		3/4		3/4	
6	1,753.31	6	1,388.90	6	1,024.69	6	660.64	6	296.23	6		6		6		6		6	
1/4	1,745.72	1/4	1,381.31	1/4	1,017.11	1/4	653.04	1/4	288.64	1/4		1/4		1/4		1/4		1/4	
1/2	1,738.13	1/2	1,373.71	1/2	1,009.53	1/2	645.45	1/2	281.05	1/2		1/2		1/2		1/2		1/2	
3/4	1,730.53	3/4	1,366.12	3/4	1,001.96	3/4	637.86	3/4	273.46	3/4		3/4		3/4		3/4		3/4	
7	1,722.94	7	1,358.53	7	994.38	7	630.27	7	265.87	7		7		7		7		7	
1/4	1,715.35	1/4	1,350.94	1/4	986.81	1/4	622.68	1/4	258.28	1/4		1/4		1/4		1/4		1/4	
1/2	1,707.76	1/2	1,343.35	1/2	979.23	1/2	615.09	1/2	250.68	1/2		1/2		1/2		1/2		1/2	
3/4	1,700.17	3/4	1,335.76	3/4	971.65	3/4	607.49	3/4	243.09	3/4		3/4		3/4		3/4		3/4	
8	1,692.57	8	1,328.16	8	964.08	8	599.90	8	235.50	8		8		8		8		8	
1/4	1,684.98	1/4	1,320.57	1/4	956.50	1/4	592.31	1/4	227.91	1/4		1/4		1/4		1/4		1/4	
1/2	1,677.39	1/2	1,312.98	1/2	948.92	1/2	584.72	1/2	220.32	1/2		1/2		1/2		1/2		1/2	
3/4	1,669.80	3/4	1,305.39	3/4	941.35	3/4	577.13	3/4	212.73	3/4		3/4		3/4		3/4		3/4	
9	1,662.21	9	1,297.80	9	933.77	9	569.54	9	205.13	9		9		9		9		9	
1/4	1,654.62	1/4	1,290.20	1/4	926.19	1/4	561.94	1/4	197.54	1/4		1/4		1/4		1/4		1/4	
1/2	1,647.02	1/2	1,282.61	1/2	918.62	1/2	554.35	1/2	189.95	1/2		1/2		1/2		1/2		1/2	
3/4	1,639.43	3/4	1,275.02	3/4	911.04	3/4	546.76	3/4	182.36	3/4		3/4		3/4		3/4		3/4	
10	1,631.84	10	1,267.43	10	903.46	10	539.17	10	174.77	10		10		10		10		10	
1/4	1,624.25	1/4	1,259.84	1/4	895.89	1/4	531.58	1/4	167.17	1/4		1/4		1/4		1/4		1/4	
1/2	1,616.66	1/2	1,252.24	1/2	888.31	1/2	523.98	1/2	159.58	1/2		1/2		1/2		1/2		1/2	
3/4	1,609.06	3/4	1,244.65	3/4	880.73	3/4	516.39	3/4	151.99	3/4		3/4		3/4		3/4		3/4	
11	1,601.47	11	1,237.06	11	873.16	11	508.80	11	144.40	11		11		11		11		11	
1/4	1,593.88	1/4	1,229.47	1/4	865.58	1/4	501.21	1/4	136.81	1/4		1/4		1/4		1/4		1/4	
1/2	1,586.29	1/2	1,221.88	1/2	858.00	1/2	493.62	1/2	129.22	1/2		1/2		1/2		1/2		1/2	
3/4	1,578.70	3/4	1,214.28	3/4	850.42	3/4	486.03	3/4	121.64	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/28/2014 CL
CALCULATED: 08/29/2014 CL
PRINTED: 09/02/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>